



CERTIFICATE OF MAILING under 37 CFR §1.8

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October 29, 2003
Date

J. Larson
Jacqueline S. Larson

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

David A. Offord et al.)

Serial No.: 10/624,095)

Art Unit: 1771

Filed on: July 21, 2003)

Examiner: not assigned

For: Composite Fibrous Substrates Having)
Carbohydrate Sheaths)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R. 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). While the term "references" is used in citing the U.S. and foreign patents and publications called to attention herein, applicants do not make any admission that each or all of them are "prior art" references within the meaning of the statutory and case law. Applicants reserve the right to contend, where appropriate, that a patent or publication asserted against any claim of the present application is not prior art under the facts and the law.

Copies of references A1-35, B1-19 and D1 have not been enclosed. In accordance with 37 CFR 1.98(d), a copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by

or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. Copies of the above references, listed on the enclosed PTO Form 1449, were either filed in patent application Serial No. 10/059,657, which application has been relied on under section 120 in the present application, or they are U.S. patents, copies of which no longer need to be supplied.

Copies of references B20-24 and C1-2 have not been previously supplied to the USPTO; therefore, copies of these references are enclosed for the convenience of the Patent and Trademark Office, accompanied by PTO Form 1449, and are intended to assist in placing the application in condition for instant allowance.

Applicants request that the documents listed in PTO Form 1449 be made of record in the present case, and that the Examiner independently determine those items that the Examiner would consider the most pertinent of all the references cited herein.

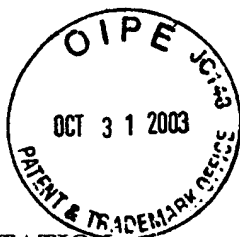
The present Information Disclosure Statement is being filed together with the patent application, that is, within three months of the application filing. Hence, it is believed to be timely filed in accordance with 37 C.F.R. 1.97(b), and no fees are believed to be due in connection with the filing of this Information Disclosure Statement.

Respectfully submitted,


Jacqueline S. Larson
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Attorney of Record

Dated: Oct. 29, 2003

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FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Sheet 1 of 4

LIST OF DOCUMENTS CITED BY APPLICANTS (Use several sheets if necessary)	ATTY. DOCKET NO. AVNT-024PN	SERIAL NO. 10/624,095
	APPLICANT David A. OFFORD et al.	
	FILING DATE 07/21/2003	GROUP 1771

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	RE 28,914	7/20/76	Marco			
	A2	4,029,867	6/14/77	Wasley et al.			
	A3	4,032,495	6/28/77	Perronin et al.			
	A4	4,043,965	8/23/77	Dickson			
	A5	4,314,805	2/9/82	McKnight	8	137	
	A6	4,820,307	4/11/89	Welch et al.			
	A7	5,221,285	6/22/93	Andrews et al.			
	A8	5,362,847	11/8/94	Miller et al.	528	403	

FOREIGN PATENT DOCUMENTS

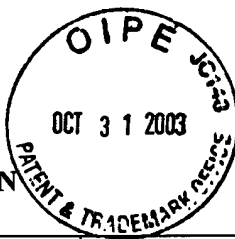
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	B1	2,182,146 A1	1/28/97	Canada			
	B2	0 573 526 B1	3/13/96	EP			
	B3	0 648 890 B1	12/11/96	EP			
	B4	0 756 033 A2	1/29/97	EP			
	B5	WO 92/10605	6/25/92	PCT			
	B6	DE3818391 A1	12/15/88	Germany			X
	B7	DE4035378 A1	5/14/92	Germany			X
	B8	DE19520989 A1	12/12/96	Germany			X
	B9	0 300370 A2	1/25/89	EP			
	B10	809,745	3/4/59	UK			

CO-PENDING U.S. PATENT APPLICATIONS

		APPLICATION SERIAL NUMBER	FILING DATE	ART UNIT
	C1	10/190,166 [AVNT-001P2PPPN]	07/05/2002	1714
	C2	10/624,096 [AVNT-026PN]	07/21/2003	1774

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

D1	Hoffman, A.S. <i>Macromol. Symp.</i> 98, 645-664 (1995).
EXAMINER	
DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A9	5,516,578	5/14/96	Coppens			
	A10	5,534,604	7/9/96	Bildhauer et al.			
	A11	5,543,214	8/6/96	Groshens et al.	428	261	
	A12	5,594,125	1/14/97	Seyschab et al.	536	103	
	A13	5,707,708	1/13/98	Pechhold			
	A14	5,725,789	3/10/98	Huber et al.			
	A15	5,834,088	11/10/98	Pecchold			
	A16	5,876,617	3/2/99	Sato et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	B11	WO 92/19680	11/12/92	PCT			
	B12	WO 97/11218	3/27/97	PCT			
	B13	WO 98/00500	1/8/98	PCT			
	B14	WO 92/17636	10/15/92	PCT			
	B15	WO 92/12286	7/23/92	PCT			
	B16	WO 92/15748	9/17/92	PCT			
	B17	0 294 648	12/14/88	EP			
	B18	0 508 136	10/14/92	EP			
	B19	1 004 701	5/31/00	EP			

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A17	4,590,236	5/20/86	Koenig et al.	524	460	
	A18	4,778,915	10/18/88	Lina et al.	560	29	
	A19	4,296,224	10/20/81	Fukui	526	243	
	A20	5,919,527	7/6/99	Fitzgerald	427	389.7	
	A21	4,463,127	7/84	Alberts	524	731	
	A22	4,971,835	11/90	Munch	427	421	
	A23	5,178,915	1/93	Moyle	427	318	
	A24	5,589,028	12/97	Robinson	156	306.6	
	A25	5,616,287	4/97	Finter	252	518	
	A26	6,140,408	10/00	McCarthy	524	506	
	A27	6,281,287	8/01	Montanari	525	63	
	A28	6,379,753	4/30/02	Soane et al.			
	A29	6,380,336	4/30/02	Soane et al.			
	A30	6,472,476	10/29/02	Soane et al.			
	A31	6,617,267	9/9/03	Soane et al.			

FOREIGN PATENT DOCUMENTS

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	A32	3,380,850	4/30/68	Jones et al.			
	A33	3,480,380	11/25/69	Bridgeford et al.	8	115.6	
	A34	4,136,218	1/23/79	Nishwitz et al.	427	339	
	A35	4,931,524	6/5/90	Sato et al.	527	301	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	B20	1 125 875	3/22/62	DE				X
	B21	1.419.645	1965	FR (corr. to US 3380850)				X
	B22	WO 99/49124	9/30/99	PCT - WIPO				
	B23	WO 00/49219	8/24/00	PCT - WIPO				
	B24	WO 02/059413	8/1/02	PCT - WIPO				

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